State of California
The Resources Agency
DEPARTMENT OF WATER RESOURCES
Division of Safety of Dams

Certificate of Approval

			ile di	4	
it of W	Timber	County, State of Catifornia	ing fer	lereby authorized: Mater may be impounded to Elevation 630.00, assumed datum, as about	
partme	ation L	ofsCa	follow		
the De	Applic	y, State	to the		
Code	, State	Count	ubject	1	
ı Water	Dam and Reservoir, State Application N		and s	989	
lifornic	and Re		e with	8	
the Ca	Дат	ğ	cordanc	9	
on 3 of			in ac	atte	
Divisio		G. M.,	i watei	S	
rt 1 of	Cogp	B. (троин	3 V	
t to Pa	Rechardson	R. 12 W ND B. & M.,	and reservoir to impound water in accordance with and subject to the following	D III	
oursuan		R.	reserv	ij	
That, I	hat the			2	
<i>Sertify</i>	found t	p. 9	said da	104	
Is To (a has	9	se of s	7	
This Is To Certify That, pursuant to Part 1 of Division 3 of the California Water Gode, the Departme	tate of California has found that the	ocated in Sec. 16., Tp. 9 N	pater; and the use of said dam	horize	
	e of C	ited in	er; anc	eby aut	0 0
	tat	120	ä	er.	100 M

This certificate of approval supersedes every previous certificate of approva consent for use issued by the State of California relative to said dam and res

Witness my hand and the Seal of the Depa of Water Resources of the State of Call

this 24th day of August FOR THE CHIEF ENGINEER

Division Engined, Reg. C

STATE OF CALIFORNIA CALIFORNIA NATURAL RESOURCES AGENCY DEPARTMENT OF WATER RESOURCES DIVISION OF SAFETY OF DAMS

INSPECTION OF DAM AND RESERVOIR IN CERTIFIED STATUS

ame of Dam	Rich	ardson			3 oku Ptuliu d	_ Dam No	274-4	County	Sonoma ncy spillways
ype of Dam		ERTH		of Spillway		open chant 4.8	er primar) feet	below the	dam crest.
Vater is	0.2	feet	above the	spillway	crest and	4.0	lee(WAS ALL STATE	entransista o esta esta esta esta esta esta esta esta
Veather Cond	litions	Rain with	hail during	the inspe	ction	······································			
ontacts Mad	200	trick Trem	io and Jesus	Cardine	s during the	inspection			
eason for In		Periodic	Evaluation						The second secon
mportant	<u>Observ</u>	ations, Re	commenda	tions or	Actions Ta	<u>ken</u>			to the comment
other aquat regetation or erosion	ic growt along th the cattl	h from the e downstr e are fenc	e upstream τα eam face an ed off from t	ice water d groins t he dam v	out, and as henever th	recommend e embankm	ed and to ent is wet		ficial damage
The primar which can i confirm the The emerg	y spillwa educe c open a ency sp the rese	ny at the right or even presend clear st illway is all ryoir.	ght abutment event flows the atus of the p so checked t	t is very s nrough th rimary sp o insure	usceptible e spillway illway befor t can functi	to landslides As requeste re, during, a on as a sec	and othe ed, Messrand following and following andary me	or forms of most ing significant and significant and of egres	s for storm
eft downst turbidity wa Mr. Tremo quality of s	ream gr is noted to conti eepage	oin, and al and the s nue to moi to the DS	ong the toe to eepage obse nitor the seep OD.	or the emerved is no page and	ormal for the to report a	ne time of year	ar and res	servoir elevat ation, extent,	
maintaining previous in	g this im spection	portant fac 1.	cility. The co	indition a	na salety o	i the dam ne	(2.11)@(Ct30)	, monitoring, lly improved	
There are	no prior	outstandir	ng administra	itive requ	irements.	The total cla	ss weight	of 12 appear	s satisfactory.
								•	• .
Conclusio	<u>ins</u>				and the second second		d tha anni	inenances a	re judged safe
From the k	nown in	formation	and visual in	spection	the dam, r	eservoir, an	a the appr	literiarices a	re judged safe
for continu	ed use.		,						
Observat		d Camma	nte		tii ty				
	Theres	bla nadiar	ns of the upsi tory condition	tream and	d downstrea	am faces, th	e crest, ar stress or i	nd the abutm	ent contacts
	Vegetat through waterlin	ion contro out the en e have be eam face s protectio	I has improvent hankment en removed	ed signific Tule, cath as reque	cantly since ails, and ot sted, and the	the previou her aquatic ne remainde tall grass ar	s inspecti- growth alor of the up ad other lo	on and is now ong the upstro ostream face, ow ground co nitoring for se	and the ver that
						inspected b	у	J. Lowe	
		v	No			Date of Ins		20 April	
Ohotos taka	no Yes	; X · ∃	i to						
Photos take	n? Yes	Owner/Bo	Department of the Partment of			Date of Rep	ort	21 April	2010//
Photos take	n? Yes		Department of the Partment of			Date of Rep	ort	21 April Sheet	2010/ W/

Name of Dar	n Richardson		Dam No.	274-4			
vame or Dar	II - FAMILIE GOOT		Date of Inspection	20 April 2010			
Observat	ons and Comments			lest mare checomed			
	Maintaining vegetation lo exposing rodents to incr	ow throughout the year is eased predation by raptor		ing protective rices with			
	abutment; the emergence the crest of the dam.	ey spillway, located within	 The primary spillway is lo the left abutment, also prov 	ides vernoular access re			
	primary spillway abutme requires frequent monito spillway, which is less si	int is very susceptible to s	channels were open and un lides and other forms of ma ains open and unimpeded. soil and slide debris, provide eservoir.	The emergency			
	Total freeboard is 5 feet	residual freeboard is 2.3	feet. Freeboard is satisfac	ory:			
Outlet		utflow is provided by a recently installed 14-inch diameter siphon. A 14-inch gate valve upstream control from the crest; downstream control near the discharge is provided by an eared head drive butterfly valve. The fully concrete lined outlet is normally pressurized.					
e Na glifsy i	Mr. Tremo reported that	the outlet is cycled three	times annually, and that the were not cycled during this d in my presence during the	last cycling was inspection. The outlet			
Seepage	and toe were free of and distinct bands in the uppalong the toe of the emitorial is suggestive of in	y indication of significant to per half of the downstrear pankment. The nature of creased hydraulic conduc	epage. The downstream faseepage. Historic seepage volumers the center left of the seepage through the doctivity along coarser grained.	ownstream groin, and wnstream face and left fill lifts.			
	reservoir elevation. No	was noted and the seepa seepage was observed a er left side of the downstre	ge observed is normal for the iround the recently abandon the recently abandon the face.	e time of year and ed gravity outlet pipe			
Instr.	There is no instrumenta	ition and none is believed	necessary at this time.				
				· 1.			
	\frac{1}{2}						
15.00							

OVVR 1261 (rev. 10/09)

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